

AMENDMENT TO THE CLAIMS

Claims 1-35 (Canceled).

Claim 36 (Currently Amended). A corner joint comprising two frame side members having attachment channels and mitered end portions, and at least one corner piece having two insert parts joined at connecting ends to define a corner portion and positioned relative to one another at a predetermined angle, each insert part configured to be received by the mitered end portions of a respective one of the attachment channels of the side members;

each of said insert parts includes an end portion geometrically configured in the shape of a triangle having an apex directed along a longitudinal axis of the respective attachment channel, each insert part defining a ~~first~~ second leg arranged to be urged against an inner wall of the respective attachment channel, a ~~second~~ first leg connecting at a first end with a first end of the ~~first~~ second leg to form the apex and extending at an oblique angle relative to the ~~first~~ second leg in a direction generally proximal to the corner portion, and a third leg extending obliquely relative to the first and second legs in a direction generally proximal to the corner portion and connecting to the ~~first~~ second leg.

Claims 37 – 38 (Canceled).

Claim 39 (Currently Amended). A corner joint according to claim 36, wherein the attachment channels include lip projections arranged along an outer surface thereof and configured to be pressed in a slanting direction relative to the longitudinal axis of the respective attachment channel, said lip projections having at least one of the following characteristics while in a pressed-in configuration:

a free end of each lip projection being situated behind a central axis of the ~~second~~ first leg of the insert part; and

a longitudinal axis of the third leg of the insert part and the longitudinal axis of the lip projection are canted inwardly towards the inner wall of the respective attachment channel.

Claims 40-53 (Canceled).

Claim 54 (Currently Amended). A corner joint comprising two frame side members having attachment channels and mitered end portions, and at least one corner piece having two insert parts joined at connecting ends to define a corner portion and positioned relative to one another at a predetermined angle, each insert part configured to be received by the mitered end portions of a respective one of the attachment channels of the side members;

each of said insert parts includes an end portion geometrically configured in the shape of a triangle having an apex directed along a longitudinal axis of the respective attachment channel, each insert part defining a ~~first~~ second leg arranged to be urged against an inner wall of the respective attachment channel, a ~~second~~ first leg connecting at a first end with a first end of the ~~first~~ second leg to form the apex and extending at an oblique angle relative to the ~~first~~ second leg in a direction generally proximal to the corner portion, and a third leg extending obliquely relative to the first and second legs in a direction generally proximal to the corner portion and connecting to the ~~first~~ second leg, wherein a panel is retained by the frame members by a plurality of wedges ~~in combination with a center portion of the second leg.~~

Claim 55 (Currently Amended). A corner joint comprising two frame side members having attachment channels and mitered end portions, and at least one corner piece having two insert parts joined at connecting ends to define a corner portion and positioned relative to one another at a predetermined angle, each insert

part configured to be received by the mitered end portions of a respective one of the attachment channels of the side members;

each of said insert parts includes an end portion geometrically configured in the shape of a triangle having an apex directed along a longitudinal axis of the respective attachment channel, each insert part defining a ~~first~~ second leg arranged to be urged against an inner wall of the respective attachment channel, a ~~second~~ first leg connecting at a first end with a first end of the ~~first~~ second leg to form the apex and extending at an oblique angle relative to the ~~first~~ second leg in a direction generally proximal to the corner portion, and a third leg extending obliquely relative to the first and second legs in a direction generally proximal to the corner portion and connecting to the ~~first~~ second leg, wherein a panel is retained by the frame members by a plurality of wedges ~~in combination with the second leg~~, the ~~second~~ first leg directed such that an intersection of an extension thereof with an edge of a panel is situated a distance near 10 cm from a corner of the panel.

Claim 56 (Currently Amended). A corner joint comprising two frame side members having attachment channels and mitered end portions, and at least one corner piece having two insert parts joined at connecting ends to define a corner portion and positioned relative to one another at a predetermined angle, each insert part configured to be received by the mitered end portions of a respective one of the attachment channels of the side members;

each of said insert parts including an end portion geometrically configured in the shape of a triangle having an apex directed along a longitudinal axis of the respective attachment channel, each insert part defining a ~~first~~ second leg arranged to be urged against an inner wall of the respective attachment channel, a ~~second~~ first leg connecting at a first end with a first end of the ~~first~~ second leg to form the apex and extending at an oblique angle relative to the ~~first~~ second leg in a direction generally proximal to the corner portion, and a third leg extending obliquely relative to the first

and second legs in a direction generally proximal to the corner portion and connecting to the ~~first~~ second leg;

wherein each of the insert parts includes a ~~resilient~~ an element comprising said ~~first~~ second leg and a connecting leg situated in an extension of said ~~first~~ second leg for connecting the end portions with the connecting ends of the insert ~~part~~ parts; the end ~~portion~~ portions and the ~~resilient~~ element of each of said insert parts arranged so that the end portion places the ~~resilient member~~ element in tension when inserted into the respective attachment channel.

Claim 57 (Currently Amended). The corner joint according to claim 56, wherein the ~~resilient~~ elements are arranged to be positioned generally along the inner surface of the respective attachment channel.

Claim 58 (Canceled).

Claim 59 (Currently Amended). A corner joint comprising two frame side members having attachment channels and mitered end portions, and at least one corner piece having two insert parts joined at connecting ends and positioned relative to one another at a predetermined angle, each insert part configured to be received by the mitered end portions of a respective one of the attachment channels of the side members;

wherein the corner joint is provided with locking means comprising of upset material parts each in the shape of a lip projection made by ~~means of~~ slantingly pressing in the upset material parts of the side members which cooperate with notches defined on the corner piece;

wherein each insert part includes at least one notch, said notches comprising:

a triangular shape defined by a first side against which the lip projection is positioned is longer than a second side over which a free end of the lip projection is pressed in; or

a shape of a predominantly right-angle triangle, wherein the relation between said first side against which the lip projection is situated and said second side over which the free end of the lip projection is pressed in is variable by the compression characteristics of the material of the side members;

wherein the second side ~~of the notches over which the free end of the lip projection is pressed in, on the place where the free end of the lip projection makes contact with the first side~~ extends perpendicular or substantially perpendicular to the longitudinal direction of the lip projection; and

wherein said second side of the notches over which the free end of the lip projection is pressed in has a buckled shape.

Claim 60 (Currently Amended). The corner joint according to claim 36, wherein each of the insert parts includes ~~at least one locking element having~~ at least one notch ~~disposed along a surface thereof~~, said at least one notch ~~locking element~~ arranged to abut a locking means defined along an outer wall of the respective attachment channel;

wherein said locking means is a deformable lip projection extending at a predetermined angle from the outer ~~surface~~ wall of the respective attachment channel; ~~the lip projection being deformable by the at least one locking element.~~

Claim 61 (Previously Presented). The corner joint according to claim 36, wherein a filling compound is provided in the respective attachment channel, the

triangular shape of each of said insert parts configured to urge the filling compound towards an outer wall of a the respective attachment channel.

Claim 62 (Previously Presented). The corner joint according to claim 56, wherein said insert part including a locking part arranged to lock with an outer wall of the respective attachment channel; and

wherein a clearance is defined between the outer wall of the respective attachment channel and the insert part when the corner part is inserted into the respective attachment channel, the clearance generally extending from the locking part to at least the connecting end of the insert part.

Claim 63 (Previously Presented). The corner joint according to claim 56, wherein the corner piece is provided with positioning elements arranged to guide the insert parts into the attachment channels when positioned therein; and

wherein the positioning elements include at least one of the following elements;

elastic press-on elements provided to push the inner sides of the insert parts against an inner surface of the respective attachment channel;

elastically bendable flaps provided on the insert parts at a predetermined distance from the connecting ends thereof and arranged to cooperate with the outer surface of the respective attachment channel;

support and guiding elements provided on the corner part in the shape of a little leg having elastically bendable flaps arranged to cooperate with the outer surface of the respective attachment channel.

Claim 64 (Previously Presented). The corner joint according to claim 56, wherein the corner piece includes a clearance generally defined at an inside corner where the insert parts connect and having a hook-shaped profile.

Claim 65 (Previously Presented). The corner joint according to claim 56, wherein the insert parts connect to form a unitary corner piece.